Rhode Island Department of Environmental Management

Office of Emergency Response
Duties and Activities

• Industrial Releases
• Mercury Responses
• Radiation Incidents
• Biological/White Powders
• USTs and ASTs
• Vehicle and Vessel Responses
• Clan Labs
• Seaweed Issues
DANGER
HYDROGEN PEROXIDE
50%

HYDROGEN

PEROXIDE
Air Monitoring
Radiation Detection
Mercury
Lumex Mercury Detector
HazMat ID
Underground Storage Tanks
Aboveground Storage Tanks
Pole mounted transformers taken down by a tractor trailer truck
Tall Ships
13th Civil Support Team
Floods
Motiva Fire
Seaweed
Pesticide Storage & Illegal Disposal
Oil skimmer
North Cape Oil Spill
This structure will be adapted to the incident and available resources.
OIL SPILL INCIDENT COMMAND STRUCTURE (Multi-page)

Note: Under appropriate conditions, Incident Command will shift units that are shaded gray from roles in containment and clean up to Natural Resource Damage Assessment (NRDA).
Environmental Support Functions

ESF #1 - Transportation
  • Federal and civil transportation support
  • Transportation safety
  • Restoration/recovery of transportation infrastructure
  • Movement restrictions
  • Damage and impact assessment

ESF #2 – Communications
  • Coordination with telecommunications industry
  • Restoration/repair of telecommunications infrastructure
  • Protection, restoration, and sustainment of national cyber and information technology resources

ESF #3 - Public Works and Engineering
  • Infrastructure protection and emergency repair
  • Infrastructure restoration
  • Engineering services, construction management
  • Critical infrastructure liaison
ESF #4 - Firefighting
  • Firefighting activities on Federal lands
  • Resource support to rural and urban firefighting operations

ESF #5 - Emergency Management
  • Coordination of incident management efforts
  • Issuance of mission assignments
  • Resource and human capital
  • Incident action planning
  • Financial management

ESF #6 - Mass Care, Housing, and Human Services
  • Mass care
  • Disaster housing
  • Human services

ESF #7 - Resource Support
  • Resource support (facility space, office equipment and supplies, contracting services, etc.)
ESF #8 - Public Health and Medical Service
  • Public health
  • Medical
  • Mental health services
  • Mortuary services

ESF #9 - Urban Search and Rescue
  • Life-saving assistance
  • Urban search and rescue

ESF #10 - Oil and Hazardous Materials Response
  • Oil and hazardous materials (chemical, biological, radiological, etc.) response
  • Environmental safety and short- and long-term cleanup

ESF #11 - Agriculture and Natural Resources
  • Nutrition assistance
  • Animal and plant disease/pest response
  • Food safety and security
  • Natural and cultural resources and historic properties protection and restoration
ESF #12 - Energy
  • Energy infrastructure assessment, repair, and restoration
  • Energy industry utilities coordination
  • Energy forecast

ESF #13 - Public Safety and Security
  • Facility and resource security
  • Security planning and technical and resource assistance
  • Public safety/security support
  • Support to access, traffic, and crowd control

ESF #14 - Long-Term Community Recovery and Mitigation
  • Social and economic community impact assessment
  • Long-term community recovery assistance to States, local governments, and the private sector
  • Mitigation analysis and program implementation

ESF #15 - External Affairs
  • Emergency public information and protective action guidance
  • Media and community relations
  • Congressional and international affairs
  • Tribal and insular affairs
SSEER’s Role

- Data Management
- Perform Trajectory & Oil Fate Modeling
- Impacts to Biota, Habitats & Economic Resources (NRDA)
- Photo-documentation, Shoreline Surveys
- Training for DEM Personnel
- Collect and Document Ephemeral Data
- Environmental Monitoring & Sampling
Examples

- Water Sampling
- Intertidal Sediment Sampling
- Subtidal Sediment Sampling
- Salt Marsh Reconnaissance
- Biota Collections & Sampling
- Shellfish Tissue Sampling
- Biota/Tarball Stranding Documentation
- Underwater Photography/Video
- Sediment-Profile Photography
- Fishery Impacts (Including Surveying)
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